

## Product datasheet for **AP00666PU-N**

### Creatine kinase M type (CKM) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA. Lateral flow assays: Forms a suitable pair with Monoclonal Antibody to CK-MB (Catalog AM00686PU-N).
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Purified CK-MM from human skeletal muscle
Specificity:	This antibody reacts to Creatine Kinase MM (CK-MM).
Formulation:	10mM Sodium phosphate, 0.85% (w/v) Sodium chloride, pH 7.2 (PBS) containing 0.05% (w/v) Sodium azide State: Aff - Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Immunoaffinity column chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	creatine kinase, M-type
Database Link:	<a href="#">Entrez Gene 1158 Human P06732</a>



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<b>Background:</b>	Creatine Kinase MM (CK-MM) is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family.
<b>Synonyms:</b>	Creatine kinase M-type, Creatine kinase M chain, M-CK, CKM, Creatine kinase MM
<b>Note:</b>	Centrifuge before opening to ensure complete recovery of vial contents.
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Arginine and proline metabolism, Metabolic pathways